



INTELLECTUAL PROPERTY DEPARTMENT
HUNTON & WILLIAMS LLP
1900 K STREET, N.W.
WASHINGTON, D.C. 20006-1109

TEL 202 • 955 • 1500
FAX 202 • 778 • 2201

TREVOR CODDINGTON, PH.D.
PATENT AGENT

DIRECT DIAL: (202) 955-1587
EMAIL: TCODDINGTON@HUNTON.COM

January 29, 2004

FILE NO: 62942.24



UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: **62942.24**

First Named Inventor: **Jude Pragash VEDAM, et al.**

Title: **WATCHDOG SYSTEM AND METHOD FOR MONITORING FUNCTIONALITY
OF A PROCESSOR**

Customer No. **21967**

TO: U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, **MAIL STOP PATENT APPLICATION**
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. ☒ Fee Transmittal Form (original and duplicate)
2. ☒ Small Entity Status Claimed:

☐ Independent Inventor
☒ Small Business Concern
☐ Non-Profit Organization

☐ Statement Enclosed
☐ Statement Filed in Prior Application; Status Still Proper and Desired
3. ☒ Specification - Total Pages: 16 (Including Abstract)

MAIL STOP PATENT APPLICATION

January 29, 2004

Page 2

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	25	20	5	\$ 18.00	\$ 9.00	\$ 45.00
Independent Claims	5	3	2	\$ 86.00	\$ 43.00	\$86.00
First Presentation of Multiple Dependent Claims				\$ 290.00	\$ 145.00	\$ 0.00
BASIC FEE				\$ 770.00	\$385.00	\$385.00
TOTAL FILING FEE						\$ 0.00
Assignment Recordation Fee						\$ 40.00
TOTAL AMOUNT						\$516.00

4. ☒ Drawings - Total Sheets: 3 (Fig(s). 1-3)

5. Oath or Declaration - Total Pages: 4

a. ☒ Newly executed (original or copy)

☐ New (unexecuted)

b. ☐ Copy from a prior application
(for continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.

6. ☒ Application Data Sheet

7. ☐ CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. ☐ Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (two copies); or



012904

16638 U.S. PTO

MAIL STOP PATENT APPLICATION

January 29, 2004

Page 3

- ii. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statements verifying identity of above copies
9. ☒ Assignee/Applicant: Embedded Wireless Labs

- ☐ Assignment and Assignment Recordation Form Submitted Herewith
- ☐ Assignee of Record in Prior Application No. _____ :

_____ recorded on _____ at Reel _____, Frame _____.
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement with PTO-1449 and References
- ☐ Copies of Information Disclosure Statement Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard
15. ☐ Priority is Claimed as Follows:

- ☐ Claim Benefit of the Following U.S. Provisional Application No(s).: _____

- ☐ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. ☐ Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

MAIL STOP PATENT APPLICATION

January 29, 2004

Page 4

18. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part of
Prior Application No.: _____ filed _____

Prior application information: Examiner _____ Group Art Unit _____

- ☐ Incorporation By Reference (useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers.

- ☐ Complete Application Based on Provisional Application No.: _____
filed _____

19. Please address all correspondence to:

☒ **CUSTOMER NUMBER 21967**

Trevor Coddington, Ph.D.
Patent Agent
Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109

20. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

☒ The power of attorney is to: Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; Thomas E. Anderson, Reg. No. 37,063; David E. Baker, Reg. No. 42,285; Scott D. Balderston, Reg. No. 35,436; Carl L. Benson, Reg. No. 38,378; Thomas Blasey, Reg. No. 33,475; Bradford Blaise, Reg. No. 47,429; Thomas D. Bradshaw, Reg. No. 51,492; J. Robert Brown, Jr., Reg. No. 45,438; Tyler S. Brown, Reg. No. 36,465; Brian M. Buroker, Reg. No. 39,125; Christopher C. Campbell, Reg. No. 37,291; Katherine S. Chang, Reg. No. 40,544; Robin C. Clark, Reg. No. 40,956; Trevor Q. Coddington, Reg. No. 46,633; Christopher J. Cuneo, Reg. No. 42,450; Ryan S. Davidson, Reg. No. 51,596; Patrick A. Doody, Reg. No. 35,022; Dinnatia J. Doster, Reg. No.

MAIL STOP PATENT APPLICATION

January 29, 2004

Page 5

45,268; Kevin T. Duncan, Reg. No. 41,495; Kevin J. Dunleavy, Reg. No. 32,024; David D'Zurilla, Reg. No. 36,776; Ozzie A. Farres, Reg. No. 43,606; Nancy J. Flint, Reg. No. 46,704; Christopher J. Forstner, Reg. No. 46,049; James G. Gatto, Reg. No. 32,694; George Georgellis, Reg. No. 43,632; Charles F. Hollis, III, Reg. No. 40,650; David M. Huntley, Reg. No. 40,309; Nancy J. Jensen, Reg. No. 45,913; David A. Kelly, Reg. No. 53,106; Herbert V. Kerner, Reg. No. 42,721; Steven P. Klocinski, Reg. No. 39,251; Robert C. Lampe, III, Reg. No. 51,914; Jeffrey S. Leaning, Reg. No. 51,184; Jonathan D. Link, Reg. No. 41,548; Charles B. Lobsenz, Reg. No. 37,857; Ryan S. Loveless, Reg. No. 51,970; Tyler Maddry, Reg. No. 40,074; J. Michael Martinez, Reg. No. 37,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Bryan F. Moore, Reg. No. 52,044; Devin S. Morgan, Reg. No. 45,562; Kerry H. Owens, Reg. No. 37,412; Jeffrey T. Perez, Reg. No. 52,110; Michael P.F. Phelps, Reg. No. 48,654; John P. Pinkerton, Reg. No. 28,746; Laurence H. Posorske, Reg. No. 34,698; Matthew J. Pryor, Reg. No. 45,278; Andrew J. Ririe, Reg. No. 45,597; Stephen T. Schreiner, Reg. No. 43,097; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; Yisun Song, Reg. No. 44,487; Shelley L. Spalding, Reg. No. 51,971; Henry C. Su, Reg. No. 37,738; Rodger L. Tate, Reg. No. 27,399; Raphael A. Valencia, Reg. No. 43,216; René Vazquez, Reg. No. 38,647; Samson Vermont, Reg. No. 42,202; Robert J. Ward, Reg. No. 28,746; and Scott F. Yarnell, Reg. No. 45,245.

☐

Please add as power of attorney:

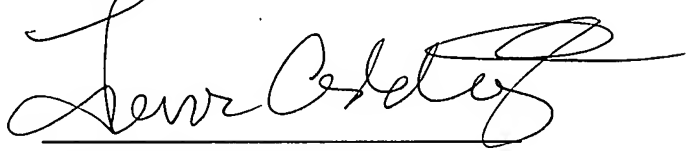
MAIL STOP PATENT APPLICATION

January 29, 2004

Page 6

21. ☒ A check in the amount of \$ 516.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-0206**.
- ☐ The U.S. Patent and Trademark Office is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206**.

Respectfully submitted,

By: 

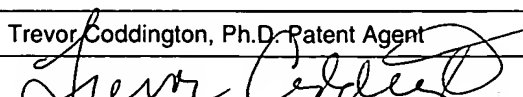
Trevor Coddington, Ph.D.
Patent Agent
Registration No. 46,633

TC/cdh
Enclosures

FEE TRANSMITTAL

MAIL STOP PATENT APPLICATION

Complete If Known

FEE TRANSMITTAL MAIL STOP PATENT APPLICATION		Application No.		To Be Assigned																																									
		Filing Date		January 29, 2004																																									
		First Named Inventor		Jude Pragash VEDAM, et al.																																									
		Examiner Name		To Be Assigned																																									
		Group Art Unit		To Be Assigned																																									
Total Amount Of Payment (\$)		516.00		Attorney Docket No.		62942.24																																							
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																									
1. <input type="checkbox"/> The Commissioner for Patents is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP.				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td><input type="checkbox"/> _____ Month Extension of Time</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Notice of Appeal</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Request for Oral Hearing</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Design Issue Fee</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Plant Issue Fee</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Commissioner</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unavoidable)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unintentional)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Recording Each Patent Assignment Per Property</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Other (specify) _____</td><td>\$</td></tr> </tbody> </table>				Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> _____ Month Extension of Time	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for Oral Hearing	\$	<input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petition to Commissioner	\$	<input type="checkbox"/> Petition to Revive (Unavoidable)	\$	<input type="checkbox"/> Petition to Revive (Unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input type="checkbox"/> Submission of Information Disclosure Statement	\$	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input type="checkbox"/> Other (specify) _____	\$
Fee Description	Fee Paid																																												
<input type="checkbox"/> Surcharge - late filing fee or oath	\$																																												
<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$																																												
<input type="checkbox"/> _____ Month Extension of Time	\$																																												
<input type="checkbox"/> Notice of Appeal	\$																																												
<input type="checkbox"/> Filing Brief in Support of Appeal	\$																																												
<input type="checkbox"/> Request for Oral Hearing	\$																																												
<input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)	\$																																												
<input type="checkbox"/> Design Issue Fee	\$																																												
<input type="checkbox"/> Plant Issue Fee	\$																																												
<input type="checkbox"/> Petition to Commissioner	\$																																												
<input type="checkbox"/> Petition to Revive (Unavoidable)	\$																																												
<input type="checkbox"/> Petition to Revive (Unintentional)	\$																																												
<input type="checkbox"/> Petitions Related to Provisional Applications	\$																																												
<input type="checkbox"/> Submission of Information Disclosure Statement	\$																																												
<input type="checkbox"/> Filing Submission After Final Rejection	\$																																												
<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$																																												
<input type="checkbox"/> Filing Request for Reexamination	\$																																												
<input type="checkbox"/> Other (specify) _____	\$																																												
2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner for Patents is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP, 1900 K Street, N.W., Suite 1200, Washington, D.C. 20006-1109.																																													
FEE CALCULATION 1. BASIC FILING FEE <input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity <table border="1"> <thead> <tr> <th></th> <th>FEE PAID</th> </tr> </thead> <tbody> <tr><td>Utility Filing Fee</td><td>\$ 385.00</td></tr> <tr><td>Design Filing Fee</td><td>\$</td></tr> <tr><td>Plant Filing Fee</td><td>\$</td></tr> <tr><td>Reissue Filing Fee</td><td>\$</td></tr> <tr><td>Provisional Filing Fee</td><td>\$</td></tr> </tbody> </table>					FEE PAID	Utility Filing Fee	\$ 385.00	Design Filing Fee	\$	Plant Filing Fee	\$	Reissue Filing Fee	\$	Provisional Filing Fee	\$																														
	FEE PAID																																												
Utility Filing Fee	\$ 385.00																																												
Design Filing Fee	\$																																												
Plant Filing Fee	\$																																												
Reissue Filing Fee	\$																																												
Provisional Filing Fee	\$																																												
2. EXTRA CLAIMS FEES				\$131.00																																									
CLAIMS AS AMENDED																																													
For	Number Present	Highest Number Paid For	Extra	Rate		Amount																																							
				Large Entity	Small Entity																																								
TOTAL CLAIMS	25	20	5	x \$ 18.00	x \$ 9.00	\$ 45.00																																							
INDEPENDENT CLAIMS	5	3	2	x \$ 86.00	x \$ 43.00	\$ 86.00																																							
MULTIPLE DEPENDENT CLAIMS				\$ 290.00	\$ 145.00	\$ 0.00																																							
TOTAL EXTRA CLAIMS FEES						\$131.00																																							
SUBMITTED BY					Complete (if applicable)																																								
Typed or Printed Name	Trevor Coddington, Ph.D. Patent Agent			Registration No.	46,633																																								
Signature				Date	January 29, 2004																																								